

<b>HAZARDOUS MATERIALS INCIDENTS</b>		<b>TROY FIRE DEPT. TACTICAL PLAN 202.01</b>	
<i>Issue</i>	<i>10/94</i>	<i>Reviewed</i>	<i>9/15</i>
			<i>Page 1 of 2</i>

**SCOPE**

This plan will outline basic operational procedures to be followed when the fire department responds to, and operates at incidents involving hazardous materials. The strategic objectives of the fire department at these incidents are to; a) ensure the safety of citizens and public safety personnel; and b) minimize damage to property and the environment. The following guidelines are to be considered by the incident commander (IC) in determining the tactics to be employed at each particular incident.

The Oakland County Hazardous Materials Response Team (OCHMRT) shall be contacted for all suspected or confirmed hazardous materials incidents that are beyond the scope and capabilities of the Troy Fire Department (small fuel spills, carbon monoxide incidents, natural gas leaks etc.).

**RESPONSE READINESS**

The following items are assigned to each station for responses:

- One pair binoculars
- Laptop with:
  - Hazardous Materials resources (HMIS, HAPIS documents, floor plans)
  - Hazardous Material response programs (WISER, ERG)
- One DOT Emergency Response Guidebook for each apparatus
- One four-gas detector
- One drain cover
- Absorbent pads with ratchet straps
- Container plugging material such as Plug N Dike
- One each large (football) and small (golf ball) spill containment repair plugs
- One fuel/HAZ MAT collection pool

**INCIDENT RESPONSE**

Based on available information, personnel and apparatus shall approach & stage in a safe location (upwind and uphill).

Scene size up shall be conducted from a safe location. Obtain information based on the following:

- Direct observation (containers, placards, etc.)
- Witnesses (occupants, drivers, other safety personnel, etc.)
- Documents (SDS, shipping papers, etc.)

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			<i>Page 2 of 2</i>

**OPERATIONS**

The primary objectives for the first arriving unit(s) at a hazardous materials emergency are as follows:

- Establish command and provide an initial radio report (IRR).
- Determine location and status of victims. It is necessary to determine if there are victims involved and/or exposed to hazardous materials, their location, and their condition. This information may be obtained from witnesses, occupants or by direct observation.
- Gather as much information as possible regarding the substance released.
- Isolate the immediate area as follows:
  - Solids 75 ft.;
  - Liquids 150 ft.;
  - Gases 300 ft., unless inside of a building.
  - **NOTE:** these are guidelines for initial protective distances which may need to be increased or decreased based on the product, location, 4 gas monitor readings, weather conditions, guidance from product experts, and/or OCHMRT Duty Officer, etc.
- Provide an updated radio report (URR).
- Request additional resources as necessary (OCHMRT, Police, Fire (Box Alarm), EMS, etc.)

**ADDITIONAL RESPONSIBILITIES**

The IC with the assistance of the OCHMRT Duty Officer will:

- Establish a staging area and safe response route for arriving resources.
- Coordinate with the Police Department and other responding agencies to establish a unified command post.
- Consider activation of the Emergency Operations Center if the incident has the potential to have an impact on the community and/or to last into multiple operational periods.